

MEETING CALL IN NUMBER: (b) (6)

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## Attendees

Contractor/Sub-Contractor Staff	Phone	Site	N/P	Government Staff	Phone	Site	N/P
Eric Reitter	X	X		Rod Zion (USACE)			X
Spencer Archer			X	Karl Kunas (USACE)	X		
Richard Perry	X	X		Greg Zoeller (USACE)	X	X	
Marc Homme	X	X		Evan Lauterbach (USACE)	X		
Khalfani Lee	X	X		Kim Prestbo (USEPA)	X		
Jose Rosado			X	Ed Moreen (USEPA)	X		
Steve Criscenzo			X	Don Carpenter (DEQ)			
				Jim Stefanoff (Jacobs)			
				Karen Dawson (Jacobs)	X		
				Ken Parsons (USACE)			X

## 1) Review Meeting Minutes from 6/11/2018

- a. No comments.

## 2) On-Site Status Review &amp; Look-Ahead

## a. Temporary Treatment System (TTS)

- i. AEC started preparing pad with liner for TTS.
- ii. AEC will start building wall around TTS pad.
- iii. WesTech to place equipment 6/19/18.

## b. Design Package 7 Preloading

## i. Preload Area B (north of aeration basin).

- 1. Completed Preload Area B on 5/23/18.
- 2. Storm drain system in progress. Grout QC being resolved this week.
- 3. The settlement plates are being monitored weekly. No settlement noted to date. Serial letter will be submitted to remove preload material.

## ii. Preload Area C (filter building)

- 1. Will begin as demolition allows.

## c. Design Package 5 Sludge Impoundment Area (SIA)

## i. Summary of activities completed last week:

- 1. Continued mass grading operations.
- 2. Working on liner fusion procedure with DoR.

## ii. Activities planned for this week:

- 1. Monitoring well BH-SF-E-0316-U will be abandoned per RFI-63.
- 2. Continue mass grading operations.

## d. Design Package 6 Soil Bentonite Cutoff Wall (SBCW)

## i. Summary of items completed last week:

- 1. Completed construction of slurry pond.

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2. Complete billboard demo, four signs have been brought down, concrete sized to 2'-minus, signs still to be de-constructed. "Soft" portions of signage (vinyl sign fabric, plywood etc.) stockpiled at waste staging area.
3. Removed small trees and brush along the north side of the CIA from STA 32+00 to 74+00.
4. Began excavation of the 2' deep slot within the work pad starting at STA -0+30 to approx. 7+00 per detail on Sheet C-300.
5. Previously completed fence and post removal on south side of trail.
  - a. Notified Government of presences of benches along trail. Benches moved to staging location for temporary storage for one week to allow City of Kellogg time to determine what is to be done with the benches.
- ii. Activities planned for this week:
  1. Continue with slot excavation along SBCW alignment.
  2. Misc. site prep work
- e. Design Package 4A CTP Site Civil and Demolition
  - i. Demolition plan submitted to USACE for review. Suspense date is 6/29, but Karl will try to move this up
- f. Other
  - i. Alta was on site last week to inspect outfall location and confirmed no wetlands were present on behalf of DEQ.

## 2) Off-Site Status Update

- a. Wood is planning to start conformance testing of the SIA liner as it is produced per 3.3 of 33 56 19 Impermeable Liner System specification.

## 3) Design Status Update

- a. Design Package 4 Interim (CTP Upgrades, including GWCS)
  - i. 42 pending evaluations by Wood. Evaluations in progress.
  - ii. 41 pending BackChecks by Government.
  - iii. 80 BackChecks are Open; 411 BackChecks are Closed.
  - iv. As final DP4 submittals are provided, reviewers should be able to close out BackChecks.
  - v. Government provided a spreadsheet to help coordinate review from DP4 Interim to the appropriate sub-package.
- b. Design Package 4A IFC (Demolition and CTP Civil) NTP was issued 6/14/18.
- c. Design Package 4B Final (GWCS, Outfall Dissipater and Structural Concrete) was submitted 3/9/2018. Government review suspense date was extended to 4/6/18. 256 comments received.
  - i. 123 pending evaluations by Wood.
    1. 13 BackChecks require evaluations
    2. 110 are open pending confirmation in IFC package
  - ii. 47 pending BackChecks by Government.
  - iii. 125 BackChecks are Open; 84 BackChecks are Closed.
  - iv. Pending comments from DP4 Interim: 4
  - v. 404 Compliance Memo will be resubmitted, as a separate submittal, with the DP4B IFC drawing and the contractor Dewatering Plan in early June.
  - vi. Design Package 4B IFC expected to be submitted 6/29/18
- d. Design Package 4C Final (Structural Steel and Mechanical) was submitted 4/15/18. Isometrics, MTO and 3D model were included in this submittal.
  - i. Government review period ended 5/3/18; 159 comments received.

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- ii. 28 pending evaluations by Wood.
  - 1. 1 pending evaluations by Wood and 14 evaluations to be posted to Government BackChecks
- iii. 80 pending BackChecks by Government.
- iv. 16 BackChecks are Open; 52 BackChecks are Closed.
- v. Pending comments from DP4 Interim: 64
- vi. Wood submitted Dogwood Issued for Permit Drawings. Government provided comments to this submittal. Response to comments planned to be submitted 6/19/19
- vii. IFC submittal planned for 6/22/18
- e. Design Package 4D Final (Electrical) planned submission date 6/22/18.
  - i. Pending comments from DP4 Interim: 6
  - ii. Power Factor Variation discussed with Government. Wood to revise ETAP model for winter and summer load scenarios to evaluate proposed variation further.
- f. Design Package 4E (Clarifier Upgrades) or Other
  - i. Pending comments from DP4 Interim: 7

#### 4) Other 2-Week Look-Ahead/Schedule Review

- a. Reviewed the 90-day look ahead schedule provided with the meeting agenda.

#### 5) Upcoming Meetings (Preparatory, finals, etc.)

- a. Supplement Equipment Plan preparatory meeting was conducted 6/14/18.
- b. XRF training on new unit with manufacture was conducted on 6/15/18.
- c. Yard piping and tie ins preparatory meeting scheduled for 6/19/18
- d. Permanent fence preparatory meeting 7:30 am 6/20/18. IDT has been invited by Kim Prestbo
- e. Liner and SIA piping prep meetings scheduled for 6/21/18
- f. SBCW installation preparatory meeting scheduled for 7/9/18
- g. Upcoming preparatory meetings to be scheduled after approval of the D&D Plan
- h. Commander for Seattle District will be on site on 6/22/18

#### 6) Submittal/Submittal Register (Pending, re-submittal, upcoming)

- a. FAT plan to be provided in advance of Factory Accept testing planned in August 2018.
- b. 404 Compliance Memo comments from USEPA have been provided. Resubmittal planned pending DP4B IFC drawings and the Dewatering Plan.
- c. SIA preconstruction submittals are in progress.
- d. SBCW preconstruction submittals are in progress.
- e. SIA O&M Manual was E coded. Wood preparing responses to comments which appear to be beyond SOW requirements.
- f. TTS O&M Manual – memo to address cleanout of the lined pond will be submitted
- g. Special Inspectors – SBCW qualifications included in CQC Plan. Structural concrete and steel will be provided.
- h. Thickener and Pressure Filter submittals have been approved by the government. Wood has released the filters and thickener for fabrication and notified the government via serial letter.
- i. Outstanding preconstruction submittals:
  - i. SBCW mix design
  - ii. Liner installer quals and QC approach submitted

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- iii. No Rise / No impact Certification (batch plant and excavator)
- iv. Dewatering Plan, plan to provide as a preconstruction submittal
- v. Demolition Plan, submitted and under govt review
- vi. Plan for managing sludge in the Lined Pond during operation of the Temporary Treatment System
- vii. SWPPP updates
- viii. PEMB Issued for Permit resubmittal

**7) Serial Letters**

- a. REA for Unforeseen Conditions has been reviewed by USACE and a response issued to Amec Foster Wheeler. Amec Foster Wheeler is evaluating options for responses.
- b. Serial letter (H-0039) for SPA cover material submitted 6/4/18. This is a notification letter to document elevated XRF screening results of the cover material in the SPA. Government provided response (C-0044). Amec Foster Wheeler will provide a follow up to USACE.
- c. Serial letter (H-0043) for name change from Amec Foster Wheeler to Wood was submitted 6/4/18. Pending admin modification.
- d. Serial Letters (H-0046 and H-0047) for notification of release for fabrication for the pressure filters and thickeners were submitted.

**8) Modifications (Expected, Underway, Option items)**

- a. Chamber of Commerce billboard RFP was received for preserving the historical billboard, includes reconnection of power. Serial letter for powering the historical billboard submitted (H-0034). Government is processing modification.
- b. SP005 for pipe materials variation – Wood has provided MTO and is preparing an estimate for the change. Amec Foster Wheeler will provide a revised proposal.
- c. SP012, Request for Proposal for pig vaults received 4/19/18. Proposal provided 5/21/18. Amec Foster Wheeler responding to Government questions.
- d. SP013, Miscellaneous Metals and Power Factor Correction Variation received 5/14/18. Proposal requested 5/28/18.
  - i. Government has some technical items to discuss on the Power Factor Correction variation. A call was held last Thursday.
  - ii. Decision was made to remove PFC variation from the case.
  - iii. Proposal due to government on 6/22/18.
- a. SP014, Delete POL Containment Pad received 5/21/18. Proposal requested by 5/31/18. Wood provided proposal. USACE requested that a pump be included with the credit. Amec Foster Wheeler provided a serial letter (H-0049) with the credit.
- b. SP016 RFP 009 – CIA Geomembrane Thickness. Amec Foster Wheeler provided a serial letter (H-0050) with a proposal to conduct engineering relative to welding existing 40-mil and proposed 60-mil liners and developing welding requirements.
- c. An RFP relative to decommissioning the monitoring well at the SBCW will be sent to Amec Foster Wheeler.

**2) Requests For Information**

- a. Amec Foster Wheeler submitted RFI-63 on SIA well. Government provided response indicating well (BH-SF-E-0316-U) to be abandoned.

**3) Safety Items (Deficiencies, high risk work, clearances, etc.)**

- e. No outstanding safety deficiencies.
- f. Safety awareness
- g. Safety Awareness in the next week includes working with new personnel and contractors onsite, and continued awareness of decontamination practices.
- h. Continued diligence to remaining in compliance (aware) with evolving EM385 safety requirements.
- i. AEC TASC Phase 1 and Phase 2 development with AEC Safety Manager.
- j. AEC Phase schedule and safety program implementation and integration.



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- k. SBCW – Fusion training for SBCW team
- l. Continued SBCW IH/Environmental assessments for personnel safety.
- m. Traffic control review and implementation.
- n. Swaggart TASC Phase 4/5 and 6 AHA and safety assessment of Scope and methods with Swaggart SSHO.
- o. Site wide safety controls inspection and correction.
- p. Swaggart phasing into to work on Phase #4 (liner installation) soon, AHA will be reviewed and prep meeting has been scheduled.
- a. Weekly group safety meetings are taking place on Tuesday mornings to ensure all contractors and team members are on the same page with site traffic, work location and general safety concerns.

#### 4) Quality Items

- a. Grout deficiency was addressed by Northwind on 6/15
- b. Materials handling procedures in progress.
- c. XRF training for the new XRF unit was conducted on 6/15/18.
- d. Amec Foster Wheeler has prepared a corrective action plan for the control well deficiencies (#2, #5 and #10). QAR and CQCSM reviewed the deficiencies.
- e. No new QC issues noted by QAR.

#### 5) Working Hours (Holiday working hours, days off, etc.)

- a. 0700 to 1700 PST for construction crews; six, 10 hour days per week for SIA; five days per week, 8 hours per day for SBCW prior to full scale production. AEC will be working five, ten hour days for the TTS and piping tie ins.
- b. 4 July will be an off day.

#### 6) Other Follow-Up Items

- a. Avista Easement – Wood provided a figure with planned routing of primary power. Draft simplified drawing provided last week. Minor updates are in QC and will be provided later today or tomorrow. Legal description around transformer will need to be revised. Additional edits to drawings in progress and should be complete this week.
- b. Dan McCracken will be coordinating the semi-annual CIA and Bunker Creek inspections; schedule is TBD.
- c. Amec Foster Wheeler will provide photos of the existing preload retaining wall blocks for potential use as GWCS well pad walls instead of sloped fill.
- d. Amec Foster Wheeler will provide USACE with sections through the Filter Building CTP Model to help USACE evaluate colors for the filters.

#### 7) O&M Update

- a. O&M continues to be routine.
  - i. pH set point 8.4.
  - ii. One lime delivered scheduled for this week.
  - iii. Direct Feed Line scheduled for 7/10-7/12/18 for tying.
- b. KT flows currently ~1,800 gpm at this time.
  - i. CTP site tour held with USEPA and BHMC on 6/15/18.
- c. Lined Pond is ~0.75 MG; lowest practical level.
- d. Discrepancies – Troubleshooting effluent flow meter.
- e. OMERS/CMRs
  - i. Lined Pond Pump #1 failed on 4/24/18. OMER #26 has been approved and work is in progress. Pump has been removed and inspected by Beckwith & Kuffel (B&K). B&K planning to re-install Lined Pond Pump #1 and perform repairs on other pumps later this week.

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- ii. HMI B failure (OMER #29). H2E repaired HMI B and created an image to provide redundancy and provide a means to back up the system should either HMI fail in the future.
- iii. Storm drain under lime silo was found to be plugged (OMER #25). OMER is approved and work will be scheduled.

**8) Payment Applications**

- a. Wood will provide schedule update to Rod on 6/19 and will schedule the monthly update meeting for Friday 6/22.

**ACTION ITEMS**

No.	Item	Responsible	Anticipated Completion Date
134	Provide preliminary FAT schedule to include generator testing	AmecFW	4/13/18
154	Address Government comments to draft Avista Easement	AmecFW	5/29/18
155			